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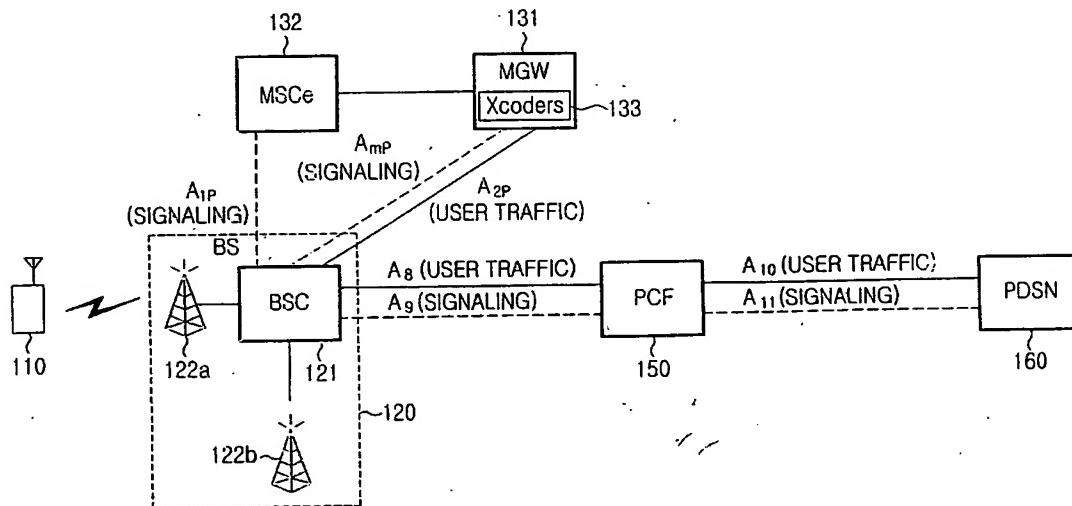
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(54) Title: SYNCHRONIZATION METHOD AND SYSTEM FOR TRANSMITTING VOICE DATA IN A MOBILE COMMUNICATION SYSTEM



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(57) **Abstract:** A method and system for synchronizing transmission/reception timings delayed during transmission/reception of data frames for voice signals in a mobile communication system including a media gateway with a transcoder and a base station controller for exchanging digital voice signals with the media gateway. The media gateway or the base station controller performs synchronization control by detecting synchronization of forward data frames for the voice signals. As the base station controller requests synchronization, the media gateway adjusts transmission timing and acquires synchronization according to the adjusted transmission timing, thereby correctly transmitting/receiving data frames for the voice signals.